

AMERICAN IONOSPHERIC PROPAGATION ASS'N

ROBERT SEYBOLD Pres.

KING SCHAFER Pub.

ART COLLINS Vice Pr.

(TV-DX)

August 6, 1958.

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Editorial...

DX, according to reports in so far this month, seems to have been
somewhat on the poor side for the month of July. In some areas there
were some good E skip openings and a few good tropes opening, but, there
were areas where both were lacking and the openings in general were
below average in number for this time of year. As for August, tropes &
UHF in particular, should definitely pick up but E skip is likely to be
scarce. Good luck at the dials fellows!

Renewals in lately include: Frank Wheeler; Barney Rauch. Glad to have
you both back for another year!

May I call your attention to Barney Rauch's column, "Technical Data"
in this month's bulletin. This is his first crack at compiling a column
for our bulletin, so please give him your support. He did a fine job on
his first column, in my opinion, and my congratulations to him!

As for the AIPA convention in Shelbyville this past July 12-13, I have
not heard too much about it except from Thomas Hidley Of Chicago who
was in attendance there at Carl's. He seems to have profited by attend-
ing and says that those who didn't come to the convention, missed a lot
of fun and valuable information. Tom met quite a few of the fellows at
the convention and spoke especially of Carl Lupton's photos, Mobile Unit
in Carl's car (another feather in Carl's hat) and his family. Tom had his
German Accordion along with him and played a few rusty melodies for the
fellows. All in all, he had a wonderful time as I know all who attended
did. Sure sorry I couldn't make it there myself.

Following is a very interesting article written by Tom Hidley's wife,
and I bet some of us Dxers will ~~get~~ get a kick out of it.

"Thoughts of a Dxers' Wife - 23 Channel"

TV-DXing is fun; he shall not deny it.

It maketh him stay up until the early morning hours.

It leadeth him into many distant channels.

It resoreth his AIPA report.

It guideth him towards the TV set day and night.

It leadeth him into the paths of knob twisting and precision tuning
for Ionospheric sake.

Yea, though he spends the night in anticipation, he does not fear
because he knows he will receive new stations.

AIPA preparest a nice convention for him so he will be in the
presence of his comrades. Oh! Tv you anoint him so that his joy
runneth over.

Surely logging and picture taking shall follow him all the days of his
life, and, will dwell in a Dxers' house forever. --Erma Hidley-Wife.

Deadlines for Sept. -bulletin; Longview, Loma Linda, Aug 26; Cardington, Ohio,
Buffalo (FCC news), Worcester, Hot Springs, 28th; Atlanta, Dunkirk, Sept 2nd.

IM UND FUR August

I would say for the most part, that second rate consumer goods were born during and especially after world war II. You all have heard of "GI Housing" for one aspect. Anyway with the slow but steady climb of costs, due to the power demands of labor unions, profit mad management, poor political leadership, world conditions, and the reasons mentioned last month, we find ourselves today in a very sorry state. This state is called a "Recession", and of course those selfish interests who are really its cause, blame it all on the consumer and public as usual. Of course poor goods are only one effect of the recession, but a major one indeed. Now in all fairness, I should mention great improvement has been made in many public goods, and quality can usually be obtained if you can pay the price! If not, then you must purchase Junk! Now don't get me wrong, American Junk is usually better than the best some nations have to offer. This mostly applies to light goods like food, clothing, etc. Heavy industrial, automotive, etc items can be a different story.

Television receivers as we see them today are very poor offspring of some of the fine units produced in the 1953-1956 era. Some manufacturers never did build a good set, but they were a hell lot better than those "Clonkers" they have on the market today! bout the first "clonker" on the market was the Crosley Super V. When all the other producers saw this model, they cried it was a "stripped down 15 tube job" and a host of other hard boiled trade statements. But what happened? The family man faced with the high cost of living etc, purchased these sets right and ~~left~~ ^{left} left. He might ask: "Why should I pay \$100 or \$200 more for a TV set when I can get the same size picture in this here Crosley"? (I used the expression "this here" because it is in the fashion of the stereotype consumer) As time passed more and more manufacturers started production of "Clonkers". Even quality names like RCA and Philco! And with this we have a rather ironic twist. Competition for the TV-set dollar has become so keen, that several manufacturers have fallen by the wayside. Even our old friends at Crosley! Some even say they quit production "because we don't want to cheapen our goods". Ha, Ha, Ha.

Now lets say you own a TV set which we shall refer to as brand X. In the bulletin you read where brand X isn't a very hot set for Dx or anything else. Your reaction may be to become angry and defend your ownership of such a set. "It's all I can afford", "I have such and such and so many stations on it", might be but a few of your comments. And you are correct! I realize I was too harsh on some of your TV's, and feel many wrong impressions were received by you on this matter. In reality I meant to knock the manufacturer, not personal ownership. Sure you could probably increase your Dx results many fold with better equipment, and I believe such should be mentioned in the bulletin. I reside in an area where this lesson must be learned the hard way, and know others of you are in the same position.

As mentioned I am really down upon several of the TV manufacturers with their below the belt sales and merchandising policies. Some were downright dishonest, and the government(FTC) was forced to take action. It is really a crime the way the public is being taken in by these "sly operators". This is not really any of my concern in the direct sense, but as it affects TV-DX, it becomes so. Some amusing points of TV selling are: dancing girls, semi has been signers, clowns, all giving us the "pitch" for their brand of TV. Some build their entire sales message around a \$2.00 surge resistor. (Big technical advancement you know). And others, seem to be selling you a cabinet more than the TV". "Look Mon, No Chassis".

P.S. This is the month of our Presidents marriage. May I wish him the best of everything, but sure hope he does not drop dead in process-- Amen!

Best Dx & 73's, ---King Schafer

AMERICAN IONOSPHERIC PROPAGATION ASS'N

"FCC NEWS"

Aug 6, 1958.

Compiled by Art Collins

New Grants

Ch 4 Cheboygan, Mich 21.3Kw-11Kw.

Ch 6 Tucson, Ariz. .933Kw-.562Kw.

Ch 10 Presque Isle, Me. 15 $\frac{1}{2}$ Kw- 7.75.

Ch 11 Toledo, Ohio 316Kw- 189.6Kw.

Ch 13 Fajardo, P.R. .851Kw- .427Kw.

Ch 17 Bakersfield, Cal. 230Kw-144Kw.

Ch 7 Buffalo, N.Y. to WKBW (ABC) here. Williamsport, Pa request Ch 9...

NEWS etc.

he following LEFT the air in past two months.. KGEZ-TV ch9 Kalispell, Mont. KHVH-TV ch13 Honolulu, Hawaii. Ch17-WITV Ft. Lauderdale, Fla. (may 11th.) Ch 18 WFLB-TV Fayetteville, N.C. June 20th. Ch 32 KSAN-TV San Francisco Calif as of June 21st. Ch 60 WKAR-TV East Lansing, Mich and our Buffalo Station ch 17 to go dark Sept 1st. You can see that UHF is DYING.... WINR-TV ch 40 in Binghamton N.Y. wants trans at Johnson City on 78

A new version again... The Dept of Defense claims to have no designs on the LOW TV band....

WMBR-TV sold AM affiliate, soon to change their call.

The FCC is seriously considering moving KERO-TV Bakersfield, Calif(ch10. KFRE-TV Fresno, Cal ch12- WRBL-TV Columbus, #14## Ga. ch 4 and WBZR in Baton Rouge, La ch 2 all to UHF....

W-TWO ch 2 in Bangor, Maine now on with call WLHZ-TV.....

KYAT ch 13 Yuma, Ariz. and KGMS-TV ch 46 Sacramento, Cal. gave up CPs. KCIX-TV ch 6 Nampa, Idaho expects to be on mid-July

WGCT ch 7 Jacksonville, Fla. on July 27th.

KGLD ch 11 Garden City, Kan. by Sept 20th.

KOMC ch 8 Mc Cook, Neb. on by Dec 58.

WGTE-TV ch 30 Toledo, Ohio on by Aug 27th. 290/150 watts. (LOW POWER)

WFPK-TV ch 15 Louisville, Ky by Sept with 20watts (WOW) Ed. station

KYKM-TV ch 9 Manahan, Tex on b7 end July.

KPLO-TV ch 6 Reliance, S.D. 100Kw as of June 25th.

WKYT ch 27 Lexington, Ky. is the New Call letter.

WMTW ch 8 Poland Springs, to be ABC basic July 19th.

KCMT(TV) Alexandria, Minn ch 7 on the air by Sept 1st. (NBC)

KIVA(TV) ch 11 Yuma, Ariz. going up to 316KW. Ant going up too

KREX-TV in Rockford, Ill asked for increase to 229Kw-115 Kw Aur.

WSAV-TV oked to go to 100Kw-50Kw and Ant height increased.

KDRO-TV Sedalia, Mo going to ABC-TV (208th ABC-TV affiliate)

WXTV Youngstown Ohio currently assigned ch 73 will get ch 33 on or before end of year.

Welcome to new Member- Ron Hilding 3420 n. 27th Ave. Phoenix, Ariz. also re-joins Carlton Howington, Bill Meers, John Cody, G.T. Day, and Mike Evangelista.--Mike there is no TV list as of now and as for a good UHF Antenna--well that's a matter of test and opinion !!!

Gordon Simkin may not have a Column this month-- He states that #14## F2 to Hawaii is better now than a year ago . The average may be lower, as predicted, but the peaks seem to go higher.

KGEO-TV ch 5 Okla city will change to KOCO-TV Oct 1st.....

WECT ch 6 in Wilmington, N.C. on with that call (old WMFD) CBS pattern with call letters in center.

Boys, Look at that membership card in your pocket---Is your DUES UP ?? We sure hate to drop you from this mailing list.

Hope you Boys and a nice time at Carl's.....

Art.

Applications.

Ch 8 Dallas, Tex. 57.2Kw-28.6Kw.

Ch 13 Jonesboro, Ark. 55Kw- 27Kw.

KHVH-TV ch4 changed from KULA-YV in Honolulu.

Ch 7 Buffalo, N.Y. to WKBW (ABC) here. Williamsport, Pa request Ch 9...

Have a few more listings from fellow members. Do need a lot more.

Thomas Hidley 36-VHF I2 UHF 9 St. O Pv. KGNC-4 850
 B.J. Bingham 187 rec. 160 verified 140 Photos 40 States 7 Provinces 4 Count
 Carter Bays 187 rec. 152 verified 148 Photos 36 States 7 Provinces 3 City.
 Ed Prond 68 verified 22 states Icty. WTVJ-4 I25 WFBG-10 500 WFMJ-21 350
 Don Roller 93 verified 27 States 3ctys. KID-3 I405 KGEO 5 760 WBUE-17 335
 Carl F. Lupton 225 I94 Verified 42 States 3 KRON-4 I790 KGUL-II 780 WFMJ-21 445
 180 Photos 147 VHF 33 UHF Letter Verified 16
 Bedford Brown 230 Stations 45 States 5cty. WAPA-4 2100 WMTW- I360 KRTV Losa
 Larry Vehorn 76 ~~ppppppp~~ 22 States 5cty. KUTV-2 I379 KWWL-7 350 WMTV-33 281
 also 183 Stations 76. Verified Canadian 4
 also Caen, France 4, 150 miles 52.40 vid. 41.25 aud.

Percy Cox has sent me the following sign on and off hours for the San Francisco area. The time of the stations are Pacific Standard Time. The sign off are app. as I have figured a hour and a half from the start of the movie. Thanks Percy

Ch.	Call	City	Power	Saturday	Sunday	Week Days
4	KRON	San Francisco	100kw.	0700-0200	0700 0145	0700 0200
5	KPIX	San Francisco	100kw.	0700 0130	0655 2445	0650 0100
7	KQO	San Francisco	316kw.	0955 2330	0930 2400	0900 2300
9	KQED	San Francisco	60kw	no program	no program	I600 2330
2	KTVU	Oakland	100kw.	I230 2400	I230 2400	I300 2300
12	KFRE	Fresno	316	0800 2400	0800 2315	0700 2400
24	KMJ	Fresno	447	0845 2430	I400 2300	0700 2430
47	KJEO	Fresno	440	I400 2445	I100 2400	I200 2400
11	KNTV	San Jose	50	I530 2315	I530 2430	I530 2315
3	Sacramento	KCRA	100	0800 0115	I230 2415	0700 0135
10	KBET	Sacramento	316	0800 2330	0730 2445	0630 2330
12	KHSL	Chico		III5 2400	I330 2415	0630 I030 2400
8	KSBW	Salinas Monterey	242	0845 2415	0900 2400	I200 2400
13	KOVR	Stockton	316	I600 2315	I500 2315	I500 2315
3	KIEM	EE Eureka		III0 2445	I030 2415	I130 2345
7	KVIP	Redding	I27	I100 2445	I430 2400	I130 2415

All stations have test patterns for warm up period which is usually 15 minutes.

KSBY-TV ch 6 San Louis Obispo carries the same programs as Ch 8 in Salinas Monterey have there own network relay and owned by same concern KSBY-TV is operating on 20 KWP

My pleasure was to be in Shellbyville Illinois at the convention where several members met. Not as many as we would liked to have had but next year we hope to have more as I am sure you members will get together and come in pairs and threes. As I hope to have it at my place here in Central Ohio. Am hoping to improve my equipment got UHF and all.

Percy Cox is a native Californian born in Visalia he has lived there all his life. He works at the local movie house as a projectionest. He also does TV repairing at a local television stores a part time helper. He reports he is 6' 4 $\frac{1}{2}$ in tall and weigh 330 lbs. He has been DX ing since 1951 which started on a Midwest TV. Had a fringe area set up so as to pull Los Angeles at 175 miles for daily receiving. He now has a Zenith Royal X & stacked Winegard Color ceptor with power pacts 70 ft. in the air. He uses a Armour Loam lead in. He says there is little loss in this type lead in. His log is 98 stations logged 24 states 8 countries 5 Canadian proviences.

Low Band YLV-TV 4 4000 miles
 High Band KOOL-TV 10 600 miles
 UHF KSAN-TV 32 230 miles

Well I guess that is all for this month.

I finnaly log CKLW-TV 9 in Winsor this morning at 0120 have been trying a long time can get Detroit all the time but I guess Winsor just don't get out. Well I guess that will be 75ths for now.

Walter W. Spaulding R.T. 3 Box 168 Cardington

As I have had so many requests for my methods of Dxing via the weather map it is impossible to give it to each individual one of you. Therefore I am sticking the old neck out and will try to put it in the form of a series of articles.

First let it be understood, I am not an engineer but rather I am like the immortal Will Rogers, "I only know what I read in the papers."

To you newer members, if these articles help one of you I will feel well repaid. To the old timers, you may not agree with what I have to say, so please bear with me. To all of you, remember the following: You can't get Dx with the set turned off. Second, there is no rule or formula so hard and fast that it can not be proven wrong or at least find some exceptions. We are dealing with an unknown quantity in wave propagation, it is only the Supreme Ruler who really knows all the answers. To him I am grateful for our hobby.

Before delving into My Own methods I wish to give you some charts and statements which have already been accepted, as an aid to better understanding my way of thinking.

Some have stated that you have been unable to find material on Dxing at your public libraries. You won't find it as such. It must be dug out of various books and publications, mostly information on propagation methods discussed in the articles dealing with the 50 meg. region. They will apply to TV.

First let us consider our TV channel frequencies :

Channel	Channel Freq.	Video Carrier	Sound Carrier
2	54 to 60 megacycle	55.25 meg.	59.75 meg.
3	60 to 66 meg.	61.25 meg.	65.75 meg.
4	66 to 72 meg.	67.25 meg.	71.75 meg.
##### Gap In Frequencies #####			
5	76 to 82 meg.	77.25 meg.	81.75 meg.
6	82 to 88 meg.	83.25 meg.	87.75 meg.
##### Gap In Frequencies #####			
7	174 to 180 meg.	175.25 meg.	179.75 meg.
8	180 to 186 meg.	181.25 meg.	185.75 meg.
9	186 to 192 meg.	187.25 meg.	191.75 meg.
10	192 to 198 meg.	193.25 meg.	197.75 meg.
11	198 to 204 meg.	199.25 meg.	203.75 meg.
12	204 to 210 meg.	205.25 meg.	209.75 meg.
13	210 to 216 meg.	211.25 meg.	215.75 meg.

Note-- We have 3 distinct sets of frequencies making up our VHF spectrum. Also note that the sound carriers are only .25 meg. away from the next band, hence broad tuning sets will show more channel overlap (interference).

Later I will try to give the formula for the construction of Yagi antennas for those of you who wish to construct your own. It's fun to try.

Best of DX till next month. Remember, NO DX when your set is shut off.

Barney

Special Note from Ed Riegel of Independence, Kansas---He was able to get a verie from XHTV ch4 Mexico City, and he may be the first to get a verie out of them. It took a letter in Spanish to do it. Signer, etc: XHTV, Telesistema Mexicano S.A., Edificio Televisor, Avenida Chapultepec No. 18, Mexico City 1, D.F. -signer-J.M. Duran y Casahonda, Public Relations. His latest new ones: WOOD8 WOC6 WSAU7 WKBT8 CFCJ2 CKOS3 CJFB5. 196 logged, 187 verified. Nice going Ed!

MANY THANKS to the following AIPA members who wrote me last month: B.J. Bingham, Ronald Boyd, Ferdinand Drombroski, Ghislain Girard, John Parillo, Edwin Shorey, Walter Spaulding and Frank Wheeler; also Noris Doyle and Edward Riegel.

I very much appreciate these letters, but I would like to hear from more of you. Please send more comments, suggestions, constructive criticism, and material for this column. All letters and cards welcomed; all will be acknowledged in the bulletin, but personal answers will be sent only to those asking for them, or with special requests or questions. I am looking for a letter, or at least a postal, from Y-O-U!

Since I have put TX DXing before reporting my DX, you will see no report from me this month. On July 30 and 31, twelve good hours of skip brought twelve stations from Canada to Cuba, with three new stations logged!

1000 PLUS (UHF 200 PLUS) "CLUB"

Ronald Boyd 4 (partial list); Ferdinand Drombroski 22 (6 UHF); Ghislain Girard 45; John Parillo 17; Edwin Shorey 46.

If you have not already done so, please send me your 1000 plus, and 200 plus UHF. NEW! Also we would like for all of you to send your 500 plus high-band reception. Please list as suggested last month. We would appreciate your cooperation in this.

ID STATION LIST- If you thought that I would fail in my attempts to sell this - you were right! Several lists were ordered, but not enough. As a final effort, since we feel that an ID list would be of real value to any DXer, we will try to get the needed information from TV magazines such as TELEVISION, TELEVISION AGE FACTBOOK, TV FACTBOOK, BROADCASTING-TELECASTING, etc. and from you, the DXer. This method will be cheaper than writing each station individually and will enable us to print this LIST in the bulletin for everyone.

I can get technical information from the TV magazines and will count on you to supply me with information about sign-ons, sign-offs, type test pattern, and verie signers (in cooperation with Walter Spaulding). I will send you a mimeographed form with complete instructions for listing information needed for the above, if you will just drop me a postal saying you will help. If the response is satisfactory, the list will be printed in the bulletin in the near future; but unless each of you cooperates, there will be gaps. Let's all pull together! PLEASE send your postal TODAY!

EXCHANGE COLUMN

We promised this column to you last month - and here it is! Here is the place for you to dispose of your unwanted items, or to request anything pertaining to DX that you want. If no name is given, write me for more information about the item.

AVAILABLE- Official AIPA verie cards (See enclosed sample). Here is what you can get for 50¢: 25 cards (any color); 10 single postals; or 6 double (reply) postals. (Price is up due to postal rate increase.)

FREE! BROADCASTING-TELECASTING lists of operating TV stations. Old TV GUIDES (More than 40 area-wide editions covering the U.S.) AIPA membership lists.

FOR SALE- European TP photos. Also, will "copy other's for a fee." Gordon Simkin.

WANTED- Old bulletins; will pay 50¢ for first good copy of any AIPA bulletin during the first year of the AIPA.

Any articles on any phase of TV DX. John Owen Brocmall, John Parillo Exchange TP photos and TP information both U.S. and foreign. Ferdinand Drombroski and Gordon Simkin.

Names of telephone exchanges major U.S. cities. Ferdinand Drombroski.

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Do you know the first recorded reference in history to ionospheric propagation????? The reference is thousands of years old, and is found in the book of Job in the Bible! See if you can find the verse during the month, and I will give it in the next bulletin. Also look at the 19th Psalm. These verses may also interest you!

This month we will have corrections to the July feature, DEFINITIONS TO PROPAGATION TERMS. Thanks to Ronald Boyd and Gordon Simkin for the following corrections:

AURORA INDUCED Es, as described last month, is actually AURORA FLUTTER, according to Ronald Boyd of Nova Scotia, Canada, who said, "In this latitude it occurs quite frequently... (noted eight days in July) usually from afternoon til after midnight." Aurora flutter reception, which is difficult to ID, also occurs on the high band, though weaker and more garbled.

True AURORA induced Es which "...is somewhat like normal Es, (with good audio)... but much more blurred, unsteady, and ghosty"... Sometime... seems to fade into, and emerge out of strong aurora flutter. It usually occurs... around midnight, and may affect channels 2-6, usually in an East-West direction." (Above quotes from Ronald Boyd)

F_2 - "Audio does come in, usually better than video, but is not as easily received on our TV sets, as most sets... are designed with intercarrier sound systems which require a video signal to be present before there can be any audio. This cuts out a lot of audio from European TV on our channel 2. Since... the audio signal is at the high frequency end of a channel, video may be received on channel 2 while the maximum usable F_2 frequency is below the audio carrier and so no audio is received."

F_2 often has 20 or 30 ghosts, but ghostless F_2 has been seen. European F_2 was received last year from October through March, with January as the peak month. The best time for F_2 is usually when the sun is half-way between the DX station and the DXer, with just before sun-rise being the worst time.

Es. "Es stand for Sporadic E, not 'E skip.' There is E skip, but it never reaches TV frequencies." (Top frequency- about 25 mc.) "In Es, there is nothing inherent about it to cause the horizontal black and white bars, which move up and down. These bars may be present in any form of DX, and is the beat between the video carriers of the two (or more) TV stations." The FCC assigns slightly varying frequencies for stations near each other, and on the same channel, therefore the QRM is very fine. "But when you get Es, the distance is usually greater,... hence you may get a second station assigned to the same exact frequency." "The type of QRM on screen IS NOT AN ALL A FACTOR OF THE PROPAGATION with the exception of the Aurora DX." If only one station is received on a channel- no horizontal bars. "Es is more often than not free from ghosts, but ghosts are often present, especially during periods of great fading." Rapid fading is the most common characteristic of Es. "There has yet to be an authentic case of Es DX on channel 7 or higher." (These quotes from Gordon Simkin)

Next month we hope to give you more of Gordon's comments which he sent in on QRM (i.e. "beat" or "venetian blind") and an explanation of how you might be able to ID a station just from the "beat" pattern! Also we hope to make it easier for you to distinguish between short Es and long Trops (often a very difficult distinction).

QUESTION of the MONTH

This month the questions are: In what ways do you believe that our organization and our bulletin can be improved?

What DXing equipment would you buy if cost were no consideration? Sets? Antenna? Rotor? Booster? etc.?

Please send in your answers. These should be of interest to other DXers.

If you know anything about accurately computing the distance from your location to DX stations by spherical trigonometry, please let me know.

FLASH! "Bermuda's first commercial station recently took to the air with the call letters ZBM-TV. The station boasts the smallest potential viewing audience of any TV station in the world, but one of the richest markets. The resident 41,000 population owns an estimated 4000 TV sets." Quoted from April Radio and TV News.

The GORDON SIMKIN Story

Gordon Elmer Simkin, age 27, top DXer, propagation expert, AIPA board member, and International DX Editor, was born in Loma Linda, California, on May 15, 1931- the fifth child and first son in the family.

Little Gordon showed his "first interest in radio by trying to see the train inside the radio when he was four years old." At this time his chief interest was in clocks and trains. Gordon, starting school at eight, in the second grade, "should have been in third grade but couldn't read good enough. Penmanship...reading, and spelling received the lowest grades." When World War II started, he was in the fourth grade.

Gordon's interest in radio really began in the sixth grade when he saw a crystal set made by a classmate and, with the help of a local "ham", made a set of his own "which really worked good...got two stations!" That summer he was given an old radio.

That same year Gordon was baptized into the Seventh Day Adventist Church.

The next year he went to school in Los Angeles and worked there in his father's printing shop for 25¢ an hour- "big money" for Gordon! About this time he made another crystal set which picked up eight or nine stations.

The following summer Gordon learned about radio parts while working as a stock-boy in a Los Angeles wholesale house, still for 25¢ an hour. During the summer, the Simkins moved "lock, stock, and print shop" to El Monte, near "L.A.". While in the 8th grade, Gordon learned enough about the basics of radio, by helping at a repair shop "for fun", to repair neighbors' radios.

During his Freshman and Sophomore years at "Academy" (the Seventh Day Adventist High School), Gordon read every library book on radio, and persuaded the librarian to buy "Television Simplified" by Milton S. Kiver (an excellent book on TV theory).

Gordon spent his Junior year in Florida and his Senior year at a boarding Academy in Newbury Park, California, where he built two 7 inch TV sets from kits. In the "Westinghouse Science Talent Search" he entered a theme on TV and received honorable mention.

When Gordon first took his TV to Florida in June 1950, the nearest TV station was WMBR 4, Jacksonville, 120 miles away. Reception was supposed to be impossible at that distance. Despite the "rules" and a simple conical antenna, he received WMBR- "that is, if you stood 20 feet from TV, you could tell what was going on - almost!"

Gordon had heard of TV DX reception, but the books had said that this, too, was impossible. On June 13, at 0900, Gordon, "for a yet unknown reason", turned on his TV and when he turned to channel two, to his "amazement" saw WCBS! By 1230 he received thirteen test patterns from Norfolk to Boston and over to Detroit. He believes the only station not IDed was WNBT (now WRCA). Gordon DXed the rest of the summer, receiving almost every low-band station within 1300 miles.

In September 1950, Gordon started to college in La Sierra, California, where he majored in Physics. He obtained his "ham" license in February 1951, was on the air on six meters by May, and spent the summer DXing on TV and six meters, in addition to summer school. He talked to Maryland, Connecticut, and Ontario, Canada and logged TV stations from Houston to Seattle.

In the summer of '52, Gordon was back in Florida with a souped-up seven inch TV, three boosters, and a four bay conical antenna which pulled in 55 DX stations in the U.S., Cuba, Mexico, and Canada. "Still no double hop TV, best DX under 1350 miles."

(The Gordon Simkin Story will be concluded in the September bulletin. Remember, the length of each "DXER of the MONTH" is in direct proportion to the amount of material sent in. The longer, the more interesting- within reason.)

PREVIEW- With your cooperation, we hope to have the following information in the near future: types of test patterns, a review of station listings in TV magazines, History of the A.I.P.A., Daylight Time, and more on propagation terms.

I would be glad to have any information that you might have on the above.

SEND YOUR CARDS AND LETTERS TO: JOHN OWEN BROOMALL, P.O. BOX 207, DUE WEST, S.C.

H. E. Apley, Akron, Ohio--(sorry this report was mislaid last month)--
June 8, tropes, WANE15 WNDU16 WFMJ21 WPTA21 WSBT22 WKBN27 WSJV28 WKJG33
WMBV11; JunelO, WHIZ18 WSEE35.

John Parillo, Girard, Ohio--July 3, Es, KMID2 WKY4; July 7, Es, KOA4 KTIV4 (new)
KHPL6 (new) KGNC4; July 20, Es, CMF4; July 21, tropes, WNEM5; Es, WTVJ4. Log at 123,
Carlon Howington, Uniontown, Ohio--June 30, tropes, WOAY4 (new); July 2, WBOY12
(new); July 3, Es, WBRZ2 KPRC2 KMID2; WSEE35 (new); July 6, Es, KDUH4 (new) KCET2;
July 7, Es, KOA4 KCKT2 KHPL6 (new); July 11, Es, KTCA2 (new); July 14, Es, WESH2
WTHS2 WTVJ4; July 18, Es, CMAB2 WTHS2 WESH2 WBRZ2 KPRC2; July 20, WTVJ4; July 29,
WBOY12; July 30, WOOD8 WBKB7 WNEM5 WJIM6. His log now at 119 with 6 new.

Richard Nieman, Buffalo, N. Y.--June 8, Ms, WHDH5; June 13, Ms, KTVK3 (at 1920
miles); June 21, aurora, WABI5; June 30, Ms, WBRZ2; July 9, Ms, KYTV3; July 10, WCAU10;
July 12, Es, KTVR2; July 17, WMAL7; July 28, WABG7 WBAL11 WJZ13; July 30, CBFT2 (Ms
and tropes) Ms, KNAC5 KPL06. All above new, log now at 128.

Bill Pelton, Wataga, Illinois--July 6, Es, KOOK2 KID3. Log at 18 stations
from 6 states.

Ed Prond, Dolton, Illinois--June 27, WGEM10; June 28, Es, KRLD4; June 29, WMT2;
June 30, WHO13; July 3, Es, WTVJ4; 4th, WMT2 WKRC12; 5th, KHQA7; July 4, KTV12 (new)
July 6, WCCO4 KDUH4 WEEQ35 (all 3 new); 7th, WFRV5 (new); 9th, KYW3 WAVE3 WMBV11;
14th, WGEM10; 16th, WMT2 WGEM10; 17th, WAVE3; July 20, WBOY12 (new). Log at 99.

Ronald Boyd, Truro, Nova Scotia--May 26, Es, WJBK2 (following Rec'd at
Puicill's Cone, near Halifax with only rabbit ears) June 20, Es, WMAR2 WJBK2
WLWD2 WBTV3 WAVE3 WLWC4 WEWS5 WFBM6 WTVN6; June 28, Es, WMAR2 WAVE3 WBTV3
WTAR3 WSAZ3 WTMJ4 WLAC5; rest of DX from Truro--July 7, Es, WESH2 (new)
WSAV3 WMBR4 WCSQ5 WDB06 (new); July 9, Es, (aurora) CFCJ2 CKCK2; July 12, tropes,
WBLZ2; Es, WSAZ3; July 14, WABI5; July 15, Es, WUSN2 WGSQ5; July 22, Es, WLWD2 WSAZ3;
July 23, WLBZ2; Es, KDKA2 WWJ4, also WABI5 (tropes). Log now 66, 3 new.

Ferdinand Dombrowski Jr., Okauchee, Wis.--July 1, Es, new ones, CKCW2 CBHT3
WABI5 CHSJ4; also WLBZ2; July 3, tropes, KSTP5; Es, WBRZ2; July 6, WCCO4; Es, KUTV2
KSL5 KTVT4 (new); July 12, WCCO4; July 16, WISH8; July 22, Es, KPRC2 KMID2 KV002
(latter new). His log now at 124 with 6 new.

B. J. Bingham, Festus, Missouri--July 2, Es, WUSN2 KPL06; July 4, Es, KTVR2 KOOK
July 5, WHBQ13; July 6, Es, WLBZ2 WGBH2; 7th, tropes, 350 miles, KOAM7 WNBBQ5 etc;
8th, KTVH12 KAKE10 KTTS10 KMBC9; 9th, WREC3 KAKE10; July 10, WAVE3; 16th, tropes,
WREC3 KTTS10 KCRG9 KRNT8; 17th, WBKB7 WGN9 WMCT5 WOC6 etc; also: WNDU16 (new)
WIGS20 WTVP17; July 18, WIGS20 WSIL22; July 19, WHBQ13 KMBC9; 22nd, tropes, 350
miles; July 23, KTVT4 (new) KUTV2. Log now at 189 with 2 new.

Frank Wheeler, Erie, Pa.--July 2, tropes, WNEM5; July 3, WXYZ7; July 4, WSPD13 W
WNEM5; 9th, WXYZ7; 10th, WSPD13 WNEM5 WFBG10 WJIM6 WSYR3; 13th, WFBG10 WNEM5
14th, WSYR3 WXYZ7; 16th, WSYR3; 17th, WFBG10 WSYR3 WLWD2; July 23, 24, 27, 28,
tropes, 272 miles, WNEM5 WSYR3 CKLW9 WXYZ7 WSPD13 WJIM6.

Thomas Hidley, Chicago, Illinois--June 29, WHBF4 WOC6 WITI6; June 30, WOQD8
WISN12 WREX13 WTMJ4; July 1, KMOX4 WTV039; July 4, WNDU16 WGEM10 WLWD2 KYW3
WJBK2 WJIM6; July 5, WCP09 KHQA7; 6th, WEAU13; 7th, WXIX19 WKZ03 WSJV28 WSBT22
WMBD31 WTVH19; July 15, WFRV5 WMT2 WCLIA3; July 17, KWHL7 WLW113; July 18, Ms,
WCBS2. His log now at 51 with 8 new.

Norm Erint, Kenmore, N. Y.--July 4, WRC4 WFIL6 WLWC4; July 5, WRGB6; July 6,
WFIL6 WLWC4 WRCV3 (new); July 16, WLWC4; July 21, WLWC4 WFIL6; July 22, WKZ03;
July 26, Es, KCKT2; 27th, Es, CKX5; 28th, WBNS10 WLWC4; 29th, WLWC4. Log now 169.

Bob Martin, Girard, Pa.--July 2, Es, KMID2; July 3, WBUF17 WFMJ21 WKBN27 WKST45
WAKR49 CKC013; July 4, WLWC4 WTVN6; July 7, Es, KPRG2 KRLD4; July 11, WBNS10 WTVN6
CKC013 WJIM6 WKBN27 WBUF17; 17th, chs. 17, 21, 27, 45, 49 CBLT6; 23rd, WRCG5;
23-24, WBUF17 WSPD13 WXYZ7 CKLW9; July 25, WKRC12 WCP09 WLWT5 (new) WHI07
WTVN6; 26th, WBUF17; 27th, CKLW9 WXYZ7 WSPD13 WTVN6 WBNS10. His log now 99.

Albert J. Kpoec, Himrod, N. Y.--July 1, Es, KDAL3 (new) KTCA2 (new) KTIV4,
tropes, WGR2; July 29, Es, KFEQ2. Log now at 71, 9 veries.

Continued on next page.....

***Eastern DX Column....continued....

Bill Meers, LaGrange, Kentucky--June 3, trops, 500 miles, WHO13 KRNT8 KSD5 KMOX4 KOAM7 WCIA3 KETC9 KOMU8 WILL12 WSIX8 KRCG13; June 4, trops, 490 miles, these new: WJAC6 WHBF4 WMT2; also: KWKL7 KCM05 WDBJ7 WSAZ3 WBEM2 WJBK2 WREX13 etc; June 14, Es, KOOK2 KTVR2; June 15, CMQ6 KMID2; trops, WPSD6; June 20, Es, KPRC2; June 21, WPSD6. His log to date 119 with 3 new.

B. H. Rauch, Peoria, Ill.--July 4, KRCG13 KOMU8 KWKL7; July 6, Es, KTCA2 (new) KID3 WLBZ2; trops, 200 miles, WISH8 WMT2 etc; July 7, Es, KMID2 WGBH2 WLBZ2; trops, WEEQ35 WTV039 KCM05 WISC3 etc; July 9, trops, 200-300 miles; July 10, 300 mile trops, KMBC9 KCM05 etc; July 11, trops, 200 miles; July 13, 300 miles, KOLN10 WOW6 KMBC9 KFEQ2 KCM05 WKBT8 etc; July 12, same; July 15, WOOD8 KSTF12; July 16, Es, KTVR2; trops, WKZ03 WPSD6 WOW6 KCM05 KMBC9 etc; July 18, WESH2 KOOK2; July 20, 27, 300 mile trops, WOW6 KCM05 WKZ03 KMTV3 WPSD6 etc; July 27, Es, CKCK2 CHCT2. Log at 256 with 1 new.

Bryan Rawlings, Montreal, Quebec--June 27, Ms, WBTV3; July 1, Es, WDAF4 (new); July 3, WHEN8 WBEN4; July 4, WKTIV3 CKWS11; 7th, WHEN8 WBEN4; 10th, WBZ4 WHEN8; 11th, Ms, WAVE3; 12th, WCNY7; 15th, Ms, WAVE3; 21st, WHEO10; 23rd, WGR2 WICU12 (both new) WBEN4 CKWS11; 24th, same as for WGR2; 27th, Ms, WBEM2 (new); trops, WHDH5 (new) WHEN8 WCNY7; May 5, Ms, WTMJ4; June 8, Es, KNAC5 (new); also WHEN8 WSYR3 WBEN4 on a number of days. Log now at 51 with 6 new.

Stanley Penc, Utica, N.Y.--July 1, Es, KTCA2; July 4, Es, WESH2 WAIQ2; July 10, trops, CBOT4; July 16, Es, WBRZ2 WWL4 (new); July 20, Ms, WBEM2; July 26, trops, WCBS2 WGR2 WHDH5 CBOT4; July 29, Es, KFEQ2.

Ghislain Girard, Arvida, Quebec--July 3, Es, KTCA2 WCOO4 (new); July 6, unided skip chs 2-4; July 7, Es, WSAV3 WSB2; trops, WMTW8 (new) CBFT2 CHLT7; July 8, Es, CFPA2 CJIC2 (both new) KTCA2 KXJB4 WDAY6 (tent); 11th, Ms, WBEM2 WJBK2; 12th, Ms, WBEM2; 13th, WBAY2; 21st, 22nd, WBEM2 WJBK2; July 23, Ms, WBTV3 WCIA3 WBEM2 WJBK2; 24th, WBAY2 WBEM2 (Ms); 25th, Ms, WMAR2; 28th, WBEM2; 29th, Ms, WAVE3 WBEM2. Log now at 75 with 4 new.

John Cody, Middleton, Conn.--June 19, Es, KTCA2 (new); June 30, trops, WPT25; Es, these new: KV002 WREC3 KOTV6 KCMG6; also WMT2 KMTV3 KGL03 KDL03 KTIV4 WCC04 KSTP5 WMCT5 KARK4 WOG6; July 1, Es, KTCA2 WMT2 KGL03; July 3, WMT2 WBAY2 KMTV3 KGL03 KTIV4 WHBF4; July 4, Es, new: WESH2 WTVJ4 WPTV5; trops, WGAL8 WJZ13 WBALL1; July 5-6, trops, 250 miles, WBALL1 etc; 6th, Es, WBAY2 KTVI2 WFRV5 & new: WNBQ5 KCKT2 KFEQ2; 7th, Es, new: WUSN2 WBRZ2 WSB2 WOAY4 WFBC4 KMOX4 WDAF4 WAGA5 WDB06; also: KSD5 WMCT5 WPTV5 KARK4 WSM4 WMBR4 KYTV3 WREC3 WCIA3 WSAV3 WSB2; 8th, 9th, trops, 303 miles, WFBG10 WMTW8 WNBF12 etc; July 10, trops, 275 miles, CBMT6 CBFT2 WCAX3 WPTZ5 WTOP9 etc; July 11-13, trops, similar, WNBF12 WJZ13 etc; July 14, WDAU22 (new) WGAL13 WHEN8 WCNY7 WMAL7 CBFT2 etc; July 15, trops, 255 miles, Es, new: OMAB2 CMBF3 CMBF4 WTH82 KDR06; also: KV002 WPTV5 KMOX4 WUSN2, many others; 16th, WBALL1 WJZ13 WPTZ5 WGAL8; 18th, WTOP9 WRV412; Es, new: KTBS3 WWL4 WKRG5 WDSU6 WBRG6, also: WBRZ2 WSB2 WLBT3 WREC3; 21st, new: CJIC2; also: WHBF4 KGL03 KTVI2 KTCA2 WMT2; 22nd, CHLT7 (new) CBMT6 CBFT2 WNBF12 etc; 23rd, new: WAIQ2 WRBL4, also: WESH2 WRGP3 WEAR3 WSM4 WMBR4 WPTV5 WDB06; 24th, Es, WBAY2 WESH2; July 24, 25, 26, 27 & 28, trops, 275 miles, WBALL1 CBMT6 etc; Log at 139 with 38 new.

Billy Draeb, Kewaunee, Wisc.--June 24, WNDU16 WSBT22 WSJV28 WLBC49; June 26, WSJV28 WSBT22 WNDU16; June 27, UHFers chs. 22, 16, 28, 15, 33, 33 (WMTV33) WKOW27; June 28, Ms, WCBS2 WRC4; Es, KGNC4, Uhf chs. 28, 22, 16; 29th, WISH8 WCP09 WKRC12 WJW8 WFBM6 WLW13; 30th, KWKL7 KRCO10 WGEM10 KHQA7 WTHI10 WJW8 WSPD13 & UHF chs. 39, 33, 16, 22, 27; 31st, WJW8; July 1, Es, CJBR3 WCBS2 CFCM4 WGBH2 WBZ4 trops, 280 miles; July 2, Es, KPAC4 KMID2 KOB4; Uhf chs. 39, 33, 27, 21 (WHA); 3rd, KFDX3 KRLD4 WBRZ2 KGNC4 KMID2 KOA4; 4th, Ms, WMAR2; trops, KYW3 WWJ4 etc; 5th, Uhf chs. 16, 22, 28, 16; 6th, Uhf chs. 16, 22, 28, 59 (WFAM) 27, 33, 15, 21 (WPTA) WKJG33; Es, KFDX3; 8th, Uhf 16, 22, 28, 59, 24 (WDAN); 10th, Es, unided; 23rd, Ms, WRBL4; Es, CHCT2 (new); good Uhf on July 9, 10, 11, 12, 16, 17, (also CFRN3, Es), 20, 21, 22, 23, 24, i.e. -WKNX57 WLBC49 WFAM59 WKJG33 WTVP17 WANE15 WKOW27 WTV039 WPTA21 & many others; good VHF trops, July 9, 11, 12, 16, 21, i.e. WMT2 WHBF4 WTHI10 WGEM10 WHO13 WCP09 KRCO10 etc. Log at 161 with 1 new.

AIPA

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**Eastern DX Column...continued

Bob Seybold, Dunkirk, N.Y. -- July 5, tropes, WFIL6 WRCV3 WCP09 WTEN10 (new) WOOD8 WBNS10 WLWD2 WTVN6; July 6, tropes, WRCV3 WFIL6 WCAU10; July 7, Es, KFDX3 KV002 KBTX3 (tentative); July 12, WLWD2 WKBN27 WKST45 WAKR49; July 13, tropes, WRCV3 WFIL6 WTEN10 WRC4 WTVN6; July 14, WLWD2 WOOD8; July 15, WLWD2 WOOD8; Es, WAIQ2 KV002; July 16, WLWD2 WOOD8 WFMJ21 WKBN27; July 17, WLWD2 WLWD4 WFBM6 WFMJ21 WKBN27; July 21, tropes, WRC4 WRCV3 WCAU10 WFMJ21 WKBN27 WBKEK7 WOOD8 WGN9; July 22, WRCV3 WRC4 WFIL6 WCAU10 WANE15 WPTA21 WSJV28 WKJG33 WIMA35; July 24, WOOD8 WLWD4; July 25, 26, 27, WRCV3 WFIL6 WRC4; Aug 1, WFIL6 WRC4.

That's it for this month. Any late reports in after today, Aug 5th, will be in September bulletin. Best DX & 73's,

RS

Meteor Scatter Column,

compiled by Jim Howarth, Worcester, Mass

Well, July doesn't seem to have been very exceptional as far as Meteor Scatter is concerned. I do, however have several new reports with good reports. Remember fellows, this column is only as good as your reports make it. The more the merrier. hi!

John Cody, Middletown, Conn; June28, KDAL3 WRAL5; July4, WHBI July6, WLWD2(new); July11, WLWD2; July15, WBM4; July19, WLWD2 WMT2 KDAL3 WCIA3; July20, WBBM2 WCIA3 KDAL3 KGLO3 WHBF4; July21, KGLO3; July WMT2 KGLO3 KARK4. Thanks Johnny, Hope to hear from you again soon.

Ronald Boyd, Truro, N.S., Dec24, WMAR2 WTAR3; Dec28, WCBS2 WJBK2 KYW3; Dec30, WCBS2 WGR2 WRC4 WEWS5; July5, WGR2 WJBK2 WCBS2; July6, WCBS2 WRC4; July7, WCBS2 WGR2 WKZ03; July8, WCBS2 WGR2; July12, WGR2 WCBS2 WTAR3; July14, WCBS2; July15, WCBS2; July16, WGR2; July18, WCBS2 WGR2; July19, WGR2 WCBS2 WMAR2; July21, WCBS2 KYW3; July22, WCBS2 WJBK2 WGR2 KYW3; July23, WCBS2 WJBK2 WSYR3 KYW3. Nice report Ronald, Let's have another next month.

Ed Prond, Dolton, Illinois; June22, KRLD2; June23, WKY4; June24, WCBS2; June30, WKY4; July1, WKY4. Thanks Ed.

Bob Seybold, Dunkirk, N.Y., June26, WJBF6 WDSU6 KV002 WCBS2 WMCT5 WPTV5 WAGA5; June27, WCBS2; June28, WBBM2 WDSU6 KCMC6 KFDM26; June30, WCYB5; July1, WCBS2; July2, WBZ4 WBBM2; July5, WCBS2 WLBZ2 tentative (??what's that call again??-ed.); July6, WBBM2; July8, WECT6; July11, WTAR3 WJBF6 WBBM2; July12, WBBM2; July14, WRCA4. Very nice Bob, thanks.

Norm Erint, Kenmore, N.Y., July2, WJBF6; July4, KPL6 WJBF6; July19, WKY4; July21, WDSU6; July22, KMOX4. New was KPL6. Thanks Norm.

Edwin Shorey, Derby, Kansas; June28, WGR2 WAVE3 KDAL3; July2, WJBK2 WBBM2 WBAY2 KPRC2 WAVE3; July4, WAVE3 WBAY2 WJBK2 WKZ03 WGR2 WBBI July5, KDAL3; July6, WBBM2 WSYR3 WCIA3 KDAL3 WBTV3; July8, WBAY2 WBBM2 KPRC2 WGR2; July10, WBAY2 WBBM2 KPRC2 WGR2; July11, WAVE3 WJBK2 WBBM2 KPRC2 WGR2; July12, WBAY2 WBBM2 WTAR3 WAVE3 KDAL3; July13, WCIA3 KDAL3 WBTV3; July15, WBAY2 WBBM2 KPRC2; July23, WAVE3 WBAY2 WBBM2 KPRC2 WBTV2 WGR2. About par, right Edwin? Hi!

B.H. Rauch, Peoria, Ill.; June22, WCBS2 WMAR2 WSYR3 WGR2; June23, WCBS2 WSYR3 WMAR2; June24, WGR2 WCBS2 WMAR2 WSTR3; June25, WCBS2 WRC4 WMAR2; June26, WCBS2 WSYR3 WMAR2; June31, WMAR2 WCBS2 WSYR3; July1 WCBS2 WMAR2; July4, KOA4; July21, WBTV3 WSYR3 WCBS2; July22, WBTV3 WCBS2 WSYR3; July24, WCBS2 WMAR2 WSYR3 WBTV3; July25, WCBS2 WSYR3 WBTV3 WKY4. Good luck with your articles Barney, and be careful of ladders in the future.

That's all the reports received here to date. I would like to see many more coming in. Maybe with the annual peak in MS during the early part of August I will really be swamped next month. Let's hope so. Locally I haven't had time enough for anything, never mind dxing. Have indeed a few but nothing unusual. That about does it for this month so I'll say 73 and best dx to all. JH

Western DX Column..for August

I'd like to open this month's column with a hearty welcome to a new member..Ron Hilding of Phoenix Arizona...Best of DX to you Ron..and may your membership in our club be a happy one.

LATE REPORTS FROM LAST MONTH...

Morris Foote of Middleton, Idaho...reports that he received 3 very interesting veries this past month. One from KTCA-2..in which they not only sent a verie..but a nickel...no explanation...!!! The 2nd letter was from WHBF-4..stating that he received their station from their new 1000 foot tower and for the first 30 days of its operation all reception reports of DX are being Micro-film and will be placed in a special container to be located at the top of the tower, thus he is now enrolled in the WHBF 1000 foot tower club and will receive a special certificate...any other AIPAers qualify..??The other letter was from KPLO ch.6 in S.D. who wrote while they were installing amplifiers to boost their power from 53 KW to 100 KW a gentleman in Vanc. B.C. and Morris both watched KPLO. Also on June 14th "Transmitter at Ann Harbor" was heard on ch. 6...Can anyone ID this? Now to get to report: May 28, KNXT-2/by ms/May 29, KEDY-4 by skip/May 30, KGLO-3/KVOA-4/by skip May 31, unid ch. 4 spanish (could have been ch. 4 in El Paso, Tex.)/ June 3, KNXT-2/ms/June 4, KNXT-2/ by ms/June 5, KMID-2/KEDY-4/KVOA-4/ skip/ June 8, KROD-4/ skip/June 13, KNXT-2 by ms/June 14, WMT-2/WOI-5/ KTIV-4/KGLO-3/KCKT-2/KDLO-4/KFEQ-2/WDAF-4/KCLO-5/KTIV-4/ all by skip. June 16, KNXT-2 by ms/June 20, KNXT-2 by ms...1 new (KPLO new total 78.

Our new member Ron Hilding of Phoenix Arizona writes that he has been a DXer for 5 years but just never saw much about AIPA before reading Gordon Siikin's letter in Open Mike in Broadcasting of June 23rd. ~~XXXXXXXXXXXXXXXXXX~~. Ron's log reads..June 5, WHBF-4/KOMO-5/WDAF-4/ KOCO-5/KMTV-3/KARD-3/KBOI-2/KREL-2/KXLY-4/KLEW-3/KYTV-3/KHQ-6/ with those underlined new. June 6, KFEQ-2/KPRC-2/WBRZ-2/ June 8, WBRZ-2/ WWL-4/WKRG-5/KPRC-2/KPAC-4/June 15, XEW-2/June 17, KPRC-2/WMT-2/WBRZ-2/ KTBS-3/KMTV-3/KVOO-2/KTVI-2/June 18, KPRC-2/KBTX-3/VOAI-4/ June 19, KPRC-2/VOAI-4/ ????-2/????-4/????-4/ June 20, KTVI-2/WMT-2/KV00-2/WBRZ-2/ KPRC-2/July 2, WLBT-3/WKRG-5/KTBS-3/July 3, XEW-2/July 4, KXJB-4/KYTV-3 KGLO-3/KMOX-4/KBD-5/WPSD-6/KTIV-4/WCCO-4/KSTP-5/KTVI-2/WMT-2/KFEQ-2/ KDL0-3/KDAL-3/ July 7, KDL0-3/KXJB-4/KPLO-6/July 9, KXJB-4/KTVU-2/July 13, XEW-2/July 14, KMTV-3/KXLY-4/KOMO-4/CBUT-2/KBTX-3/WEAR-3/WBRZ-2/ KPRC-2/KPAC-4/KOOK-2/KREL-2/CKCK-2/July 18, WMT-2/KPRC-2/July 19, KPRC-2 July 20, KTVU-2/XEW-3/ (anyone know if XEW is operating a ch. 3 now?) July 22, KPRC-2/WBRZ-2/WLBT-3/KTBS-3/KBTX-3/WREG-3/KRLD-4/KPAC-4/ WWL-4/KARK-4/KV00-2/KFDX-3/WDSU-6/KFDM-6/WBAP-5/WMCT-5/ Real nice report hope to hear from you next month.

Ed Riegel of Independence, Kansas, writes that he has now run his total logged up to 196..with 186 verified...Real good! His latest DX includes: WOOD-8/new, WGEM-10/WOC-6/new, KTHV-11/WMT-2/WSAU-7/new/WKBT-8 new/all on June 30. July 3: WCSC-5/WUSN-2/KXJB-4/KDL0-3/July 6, many unid Canadian stations and the identified ones..CKOS-3 new/CFJC-2/new CKCK-2/CJFB-5 new/ and a unid. ch. 6 Canadian and on July 7, KTVU-3 was logged. He hopes to get a verie from XHTV-4 in Mexico..having written them a letter in Spanish..outlining in specific detail every small item that he logged on three separate occasions...here's hoping...

Morris Foote of Idaho, sends in the following report for this month. June 30, KNXT-2 by ms/July 1, KNXT-2 by ms/July 2, KMID-2/KEDY-4 WKY-4/by skip and KTVU-2 by ms. July 3, WMT-2/KTIV-4/by skip/July 4, KNXT 2/WKM-4/KGNC-4/by skip and KTVU-2 by ms./July 5, KCKT-2/KTVU-2 by ms. July 6, unid skip on low bands. July 14, KNXT-2, KROA-4/by ms, July 15, KNXT 2 by ms, July 16, WMTJ-4/by skip/July 17, KNXT-2 by ms, July 22, KTVU-2 by ??tropes?? In regards to address of XEM-3..write to.. "3-Valley Telecasting Co.,..Hotel Barbera Worth, ..El Centro, Calif...% R.W. Kelley General Manager..1 new station logged this month..KTVU-279 new total.

My good friend Ed Hepp of Portland, Ore., logged 3 new this time bringing his total up to 91. His log reads..June 28..Aurora/June 30, unid. ch.2 and 3 by Es./July 2, KCKT-2/KNXT-2/by skip/July 3, WAVE-3 NEW KTVI-2 new..both by double hop Es., also KNXT-2/KRCA-4/KEYT-3 by skip. July 5, KNXT-2/KTVU-2 (570 miles short skip) and KIEM-3 at 380 miles extremely short skip (new also) and KLRJ-2/KNXT-2/KEYT-3/KTLA-5/by skip. July 6, unid. chs. 2 & 4 by skip. July 7, Es., KMTV-3/KCKT-2/KDUH-4 KTVR-2/KHAS-5/KTIV-4/KFBC-5/KOTA-3/KTWO-2/KDLO-3/CKCK-2/July 8, strong aurora followed by KTVU-2/KOTI-2/KBOI-2/and KREM-2 all by short skip..trops or new type of propagation. July 9, Es., KNXT-2/KRCA-4/ KTLA-5/by skip, KPIC-4/and KOTI-2 by trops and KBOI-2 by ??/July 10, unid ch.2 bt Es./July 11, Es., KNXT-2/also CBUT-2/KIRO-7/and other north ern stations by trops..excellent/July 13, unid. chs. 2-3-4 by Es./July 14, Es., KROD-4/KNXT-2/KTIV-4/KTVR-2/KGNC-4/KOA-4/KTWO-2/KCSJ-5/KMTV-3/ KCKT-2/KOTA-3/KFBC-5/KDUH-4/KARD-3/ July 16, Es., KOA-4/KCKT-2/KNXT-2/ KARD-3/KRCA-4/KEYT-3/KFEQ-2/KHAS-5/KTIV-4/KDLO-3/July 18, Es., KTVK-3/ KPHO-5/KNXT-2/July 22, Es., KNXT-2/KRCA-4/KTLA-5/July 23, Es., KMTV-3/ KFEQ-2/KCKT-2/KNXT-2/KOA-4/KTIV-4/KDLO-3/KOB-4/KEYT-3/KUTV-2/KMID-2/K KROD-4/KTVK-3/KLRJ-2/also KTVU-2 by short skip and tent. KCRA-3. July 24, Es., KNXT-2/KEYT-3/and KPIC-4 by good trops. Also July, 23rd, a poss ible KVIT-2 and KNME-5 were logged. Nice report Ed...

Percy Cox of Visalia, Calif., logged 3 new for this time..bringing his total up to 110. May 23, KPLO-6, May 24, unid. ch. 2-3-4-5-/May 25, KPHO-5/KRLD-4/May 26, KFEQ-2/KQA-4/KFYR-5/KVQA-4 new/KPHO-5/AND GOOG TRORS TO THE SOUTH. May 27, KMID-2/KBST-4/KFDX-3/KGNC-4/June 5, KFEQ- -2/KHAS-5/WKY-4/KARD-3/KCKT-2/KC00-2/KGEO-5/KMID-2/unid. ch.5 IHTP/ay and San Francisco ch.4-5-7 bursty. June 20, KFEQ-2/unid. ch.2/and unid ch.3/July 3, KFEQ-2/KMID-2/July 4, KFEQ-2/KMID-2/July 6, KMID-2/IHTP-2/ July 14, new, KDX-2/July 23, KMID-2/KGNC-4/KFDX-3/WSYD-6/WKY-4/KV00-2/ KFEQ-2/KRLD-4/WBAP-5/KARD-3/KCKT-2/KGEO-5/ Thanks for Report Percy.

Eddie Albright of Medford, Oregon, logged 1 new..new total 72. His log starts with June 26, with trops to the north very good. July 2, KDO unid. ch.3 by Es./July 3, unid. ch.2 by Es., July 5, unid. ch.3 by Es., July 6, KTVR-2/unid ch.3 by Es. July 7, KDX-2/unid ch. 2 and 3 and CKCK-2 by Es. July 8, ch. 2-3-4 unid Es./July 9, IHTP-2 by me/July 11, KMID-2/by Es., July 14, ??-2///-3/KOB-4/KCKT-2/by Es./July 17, KIEM-3 by trops./July 18, KCKT-2/KTVC-6/new, ??-4/KGNC-4/July 23, KVAL and KPTV ch. 13 and 12 best trops ever seen. also KMID-2/and unid ch. 3-4-5 by skip/also, KNXT-2/KRCA-4/KGBT-4/??-3/KEYT-3/??-2/ all by Es. Hope you get some of July 23rds unid ones IDed...

~~WTVW-7~~ WTVW-7

Norris "Speedy" Doyle of Pittsburg, Calif., writes about his nice vacation which he just returned from..hence not much DX. He logged on July 7, CHBC-2 and CKCK-2 by skip..no new ones..total logged 41. Thanks for the nice letter Norris..much enjoyed.

Edwin Shorey of Derby, Kansas, logged 5 new for this period and sends in a real nice log, which starts like this: June 24, KRCG-13 by trops..new/June 28, WUSN-2, skip/WGR-2/WFMY-2/WTVR-6/WTTG-5/WLWD-2 all by skip. June 29, KHQA-7/KETV-7/WOC-6/KWWL-7/all by skip. June 30 KHQA-7/WOC-6/ by skip. July 1, KNXT-2/KSL-5/KBOI-2/KUTV-2/ by skip. July 2, WUNC-4/ skip/July 3, WFMY-2/WUSN-2/WCYB-5/WAGA-5/WCSC-5/WJBF-6 KXJB-4/KTCA-2/ by skip; with KTCA being new. also on the 3rd, KSTP-5/ WUSN-2 by skip. July 4, KUTV-2/KLRJ-2/KOOK-2/WESH-2/ by skip. July 6, CKX-5/KXJB-4/WIAR-2 (CKX NEW) /WFIL-6/CFCJ-2/CBFT-2/KDKA-2/WGR-2/CKCK -2/ all by skip. July 7, WGR-2/WLWD-2/WCCO-4/KDKA-2/ all by skip. July 8, WTHI-10 by trops, and strong aurora noted, also WTVW-7 new by trops and KRNT-8/KOMU-8/WFAA-8/KFJC-11 all by trops. July 9, KSWS-8/new/ WGEM-10/KHQA-7 all by trops. July 14, KNXT-2/Es./WOW-6/trops/KLRJ-2 and KBOI-2 by Es. July 18, WUSN-2/by Es. July 20, WPTV-5,by Es. July 23, KPRC-2/KGBT-4/KRGV-5/KNXT-2/ all by skip. total logged 197.Thanks

Doris Johnson (me) of Longview, Washington: Log Reads: June 28, strong aurora noted. July 2, by skip. KCKT-2/KNXT-2/????-2/ July 3, KMTV-3/WREC-3 NEW/KNXT-2/????-3/ by skip. July 4, ????-2/ by skip. July 5, ????-2/KOA-4/KNXT-2/KEJ-5/ NEW/KLRJ-2/KIEM-3 by unusually short skip. KTVU-2/KEY-3/XEW-2/ NEW/ and a unid ch. 2 with ID slide reading CR??-TV-2...?? July 6, KOOK-2/CKCK-2/ and many unids on ch. 2 and 3 and 4. July 7, KDUH-4/KCKT-2/KOTA-3/KTVR-2/KOA-4/KMTV-3/KHAS-5/KEBC-5/ KPHL-6 NEW and Tentative/KTWO-2/KPRC-2/KOOK-2/KDIX-2/CKCK-2/ lots of unids and 2 unids on ch. 6/ all by skip. July 9, KNXT-2/KTVU-2/ and unid ch. 4. July 11, KNXT-2/ by skip. July 14, KNXT-2/KTVR-2/KOA-4/KTVR-2/KGNC-4/KOB-4/ and some unids. July 16, KEYT-3/ and unid ch. 2 and 4. July 18, KTVK-5/KNXT-2/ and unid ch. 2. July 19, KTVU-2/KNXT-2/ July 20, KTVR-2/KTVK-3/ and strange horz. bars off and on, which would not sync in. July 22, KNXT-2/KRCA-4/KTLA-5/ all by skip. July 23, KCKT-2/KV00-2/WLWD-2/KPRC-2/WBRZ-2/KMTV-3/KTVT-4/KYTV-3/KWK-4 new/KOB-4/ KEYT-3/XEM-3/KRCA-4/KLRJ-2/KTVU-2/..8 hours of good skip. July 24, KNXT-2/XEM-3/KLRJ-2/ July 25, KNXT-2/KOOK-2/CKCK-2/KDLO-3/????-3/ July 26, aurora strong on low bands. July 27, KLRJ-2 by skip. 5 new total logged 118.

This is about it for this month. PLEASE excuse all the typing mistakes..but the temp. the last 3 days since I've been making up this column has been close to 100...and so..

Best DX to all of you this coming month.. thanks for all the letters z

DEE

American Ionospheric Propagation Association August 6, 1958
Co-Channel Interference Column--conducted by Bedford P. Brown, Jr.
*****NOTE*****NEW ADDRESS: 9200 Argyle Avenue, St. Louis 14, Missouri

TOTALS REPORTS-STATIONS-STATES-PROVINCES-COUNTRIES-FOREIGN-BEST DX

Frank Wheeler, Pa.	102	28	4	3	15	KRCA-2117	WBKB-405	WANE-261
Edward Rigel, Kans.	196	39	5	4	19	SAME AS LAST(sorry I don't have)		
Bill Meers, Ky.	119	31	3	3	4	KOOK-1320	KELO-683	WFIE-130
Percy Cox, Calif.	110	24	5	8	?	YVLV-6000	KOOL-700	KSAN-230
Ronald Boyd, N.S., Canada	66	22	6	4	57	FYN-3050	WPRO, WJAR-460	NONE
Bedford Brown, Ark.	334	45	8	12	61	LR1-5200	YVMA-2150	KFSA-90

UNIDENTIFIED PROGRAMS(ALL TIME IS EASTERN STANDARD TIME.)

Michael Evangelista, 124 North 5th Street, Hamburg, Pennsylvania

1. July 2 ch.4 Cisco Kid up to 9:00pm stn. brk., followed by man speaking in Spanish.(I Would think it was possibly CMBF-4, HAVANA-BB) However, XHTV-4 and WAPA-4 are possibilities.
2. Michael, on the July 1st I would write to CFCJ-2, Bedford.)
3. June 30 7:30pm Bold Journey-This could be KTVI-2 here in STL-Bedford
4. July 4 8:45pm orchestra playing on channel 2
5. July 4 9:00pm war picture or ch.2-a sign read "Porigiese"
6. July 4 8:30-9:00pm William Bendix(L. of Riley) on ch.2-at 9:00pm the announcer said the M-Squad would follow plus add for Midas cigar The announcer also mentioned Trash Road.
7. July 6 8:00-9:00pm Steve Allen ch.2, followed by Chevy Show 9-10pm
8. July 15 7:25pm ch.2 golfing, followed by people riding horses and an advertisement to come to SILVER SANDS with ad for Redcap Beer or Ale? Also Carung or Carlieng mentioned. Also thought he heard Cleveland mentioned.
9. July 15 7:30pm ch.3-Walt Disney show with a camel in a cartoon.

Morris Foote, Box 153, Middleton, Idaho

1. July 4 just before 2PM ch.2-end of play "The Dear Departed" about a woman who had killed several of her husbands with life insurance detective finding facts out.
2. July 4 2:45pm ch.5-stn brk. "see Cochise in person at Spring Lake July 4, 5, 6th, then mentioned Channel 5 Mystery, personality contest with picture of lady in a big 5." Movie continued-spons.-Playtx
3. July 16-8:35am ch.2 RTMA test pattern, followed by Morning Melodies video-audio music. Morris has seen this several times in the past 2
4. July 16 8:45am ch.3-call letters on a covered wagon K--D-~~xx~~/years. probably four letters. This was seen on a stn break of the Today pg

Edward Rigel, 304 North Park Boulevard, Independence, Kansas

1. June 20 ch.4 9:19am My Little Margie 9:20am-comm. for Armed Services
2. June 30 ch.12 8:54am Cartoons-skip reception
3. June 30 ch.6 10:08am Indian Head Test Pattern
4. July 3 ch.3 10:20am I.H.T.P.-faded out about 1:25pm
5. July 3 ch.2 2:50pm I.H.T.P.-skip.
6. July 6 ch.3 9:00pm advertsmnt for Maple Grove at Round Lake-a Candn.
7. July 6 ch.3 9:37pm a film about Egypt, reminder to give blood-10:00
8. July 6 ch.6 9:37pm same as above over the CBC network over CBC
9. July 6 ch.5 10:20pm a playabout a Canadian school teacher over CBC.
10. July 7 ch.2 10:58am Dotto. At 11:00am was a commercial. The announcer gave the phone no. of 9-7700, Then was ad for SALADA, then Love of Life
11. July 7 ch.3 10:58am Indian Head Test Pattern-skip
12. July 7 ch.2 11:32am Dotto. At 12:30pm was an ad for Castoria Cstr~~11~~
13. July 7 ch.3 11:32am Dotto. At 12:00pm was an ad for "All-Flavors." This was followed by Love of Life at 12:00pm.
14. July 7 ch.6 12:13pm Tic Tac Dough. At 12:17 the station put a slide on which had the words Tic Tac Dough & had 3 photos of Jack Barry.

ATTENTION ALL CANADIAN DXERS. EDWARD RIGEL in his report above has many unidentified Canadian reports. I'M sure that he would appreciate your help. UNIDENTIFIED PROGRAMS CONTINUED ON NEXT PAGE